

# UTAH CTE SKILL CERTIFICATE

## INTRODUCTION TO AUTOMOTIVE SERVICE

### STUDENT PERFORMANCE EVALUATION

### TEST #505

TEST #525

Comment [US1]:

Student Name: \_\_\_\_\_

The performance evaluation is a required component of the Skill Certification process. Each student **must be evaluated** on the required performance standards. Performance standards may be completed and **evaluated anytime during the course**.

- Students should be aware of their progress throughout the course, so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a number 1 or 2 on the rating scale (moderately to highly competent level).
  - 1= highly competent Successfully demonstrated without supervision
  - 2= moderately competent Successfully demonstrated with limited supervision
  - 3= limited competence Demonstrated with close supervision
  - 4= not competent Demonstration requires direct instruction and supervision
- When a standard has been achieved at a minimum of 80% (moderately to highly competent level). "Y" (Y=YES) is recorded on the last line of that standard, on the performance evaluation sheet. If a student does not achieve a 1 or a 2 (moderately to highly competent level), then "N" (N=NO) is recorded on the last line of that standard.
- All performance standards **MUST** be completed and evaluated prior to the written test.
- The **teacher** will bubble in "A" on the answer sheet for item #81 for students who have achieved "Y" on **ALL** performance standards.
- The **teacher** will bubble in "B" on the answer sheet for item #81 for students who have **ONE or more "N's"** on the performance standards.
- The signed performance evaluation sheet(s) **MUST** be kept in the teachers' file for two years.
- A copy is also kept on file with the school's ATE Skill Certification testing coordinator for two years.

Students who achieve a 1 or a 2 (moderately to highly competent) on **ALL** performance standards and 80% on the written test will be issued an ATE Skill Certificate.

470604-01 Students will be able to understand general shop safety				
	1	2	3	4
Pass the safety test with a score of 100%.				
Identify the different types and hazards of solvents used in automotive.				
Identify the different types, purposes, and hazards of automotive greases, oils, and additives.				
Identify precautions in the use, handling, and storage of various automotive solvents, cleaners, oils, greases, and additives.				
Identify the gasses encountered in the automotive field and the hazards they present.				
Identify the hazards and control of asbestos dust.				
Comply with safety rules for working with automotive chemicals (MSDS).				

470604-02 Students will be able to understand basic hand tools, fasteners, and shop equipment.				
	1	2	3	4
Identify and measure metric and standard fasteners.				
Use the pressure washer to prepare projects to be worked on. <i>(Optional)</i>				
Correctly identify and use basic hand tools.				
Identify and demonstrate use of basic measuring tools.				
Use reference manuals or information systems to find R/R procedures and specifications.				
Properly raise and support vehicles using jack stands and a frame contact hoist. Identify other shop equipment.				

470604-03 Students will be able to understand proper techniques in removal and installation of tires and wheels.				
	1	2	3	4
Inspect tires for abnormal wear and check tire pressure.				
R/R a tire from a wheel using the proper equipment, techniques, and safety precautions.				
Properly rotate tires and reinstall using proper torque procedures.				
Use a tire balancer to balance tires of a vehicle using proper procedures.				
Locate a leak. Remove the tire from the rim and patch the hole. Reinstall the tire on the rim and check for leaks. Check tire balance.				

470604-04 Students will be able to identify and perform basic services on a vehicle.				
	1	2	3	4
Locate and identify basic automotive parts and functions.				
Based on the manufacture's specifications, check and adjust all underhood fluid levels. Check all belts and hoses.				
Change engine oil, filter, and lubricant, and check all fluid levels on a vehicle. Use proper disposal methods for waste oil.				
Using a voltmeter, check battery voltage with the engine running and with the engine off.				
Check shocks or struts for leakage and proper operation.				
Locate and identify the fuel filter.				
Check and adjust brakes including park brake. Make sure to top off brake fluid.				
Check lights and R/R a light.				

470604-05 Students will be able to identify and perform basic services on a vehicle.				
	1	2	3	4
Identify major emission components.				
Run an emission test on a vehicle. <i>(Optional)</i>				

470604-06 Students will be able to solve basic mathematical equations related to automotive.		1	2	3	4
<input type="checkbox"/>	Solve addition, subtraction, multiplication, and division of whole number problems with two- and three-digits.				
<input type="checkbox"/>	Solve addition subtraction, multiplication, and division of fraction problems.				
<input type="checkbox"/>	Solve addition subtraction, multiplication, and division of decimal problems with two- and three-digits.				
<input type="checkbox"/>	Solve fraction-to-decimal conversion problems.				
<input type="checkbox"/>	Solve decimal-to-fraction conversion problems.				
<input type="checkbox"/>	Solve decimal-to-percent conversion problems.				
<input type="checkbox"/>	Solve percent-to-decimal conversion problems.				
<input type="checkbox"/>	Solve basic ratio-to-proportion problems.				
<input type="checkbox"/>	Solve basic linear-measurement problems.				

470604-07 Students will be able to identify and properly perform a vehicle inspection. (Optional)		1	2	3	4
<input type="checkbox"/>	Check for registration.				
<input type="checkbox"/>	Inspect vehicle tires and wheels for excessive wear, damage, mismatched sizes, and improper mounting and illegal studs.				
<input type="checkbox"/>	Inspect vehicle steering and suspension assemblies for excessive wear, damage, missing parts, and improper functioning.				
<input type="checkbox"/>	Inspect altered vehicles to confirm that they conform to required tolerances for raised or lowered suspension and other changes.				
<input type="checkbox"/>	Using a brake plate or visual method, inspect vehicle brake systems for excessive wear, damage, missing parts, improper functioning, and other related safety hazards.				
<input type="checkbox"/>	Inspect vehicle windshield and other glass for excessive damage, breakage, inadequate movement, and unsafe alterations.				
<input type="checkbox"/>	Inspect vehicle headlights and auxiliary lights for correct aiming; inspect headlights, auxiliary lights, tail lights, brake lights, turn signals, and other lights for malfunction, damage, or other unsafe conditions.				
<input type="checkbox"/>	Inspect vehicle windshield wipers, windshield washers, windshield defrosters, horn, speedometer, odometer, and automatic transmission/starter interlock for damage or malfunction.				
<input type="checkbox"/>	Inspect vehicle body, frame, motor mounts, fenders, bumpers, floor pan, doors, hood, seats, exterior mirrors, interior mirror, and seat belts for excessive damage, illegal configuration, missing parts, and malfunction of mechanical assemblies.				
<input type="checkbox"/>	Inspect vehicle exhaust systems for excessive wear, damage, malfunction, and illegal configuration.				
<input type="checkbox"/>	Inspect vehicle fuel systems for damage, malfunction, or leakage.				
<input type="checkbox"/>	Inspect "Sand" or "Dune" buggies to meet regular passenger car requirements. Inspect street rods and other modified vehicles to meet minimum equipment and safety requirements for limited use on public highways.				

470604-08 Students will be able to understand the importance of job skills. (Optional)		1	2	3	4
<input type="checkbox"/>	Prepare a resume.				
<input type="checkbox"/>	Practice interview skills.				

470604-09 Students will be able to understand the importance of employability and work habits.		1	2	3	4
<input type="checkbox"/>	Integrity				
<input type="checkbox"/>	Punctuality				
<input type="checkbox"/>	Staying on task				
<input type="checkbox"/>	Productive team worker				
<input type="checkbox"/>	Leadership				

The instructor must retain a copy of this Student Performance Evaluation for two years after the student has left the program.

Instructor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date : \_\_\_\_\_

School: \_\_\_\_\_